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LIBRARY NEWSLETTER
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ROOTS IN THE EARTH, THE SMALL FARMER LOOKS AHEAD

P. Alston Waring and Walter Magnes Teller

Harper & Brothers. 1943
30 W232

Pearl Buck says: "The future is dark for millions of families unless they can be assured of the homes they have built upon their own land. That reassurance is to be found in this book written by two American farmers. It is a comforting and encouraging book for our times. Here two solid men with their families do live upon their separate farms and find such possible and good. Cooperation, not compulsion and competition, is the solution. Only through the voluntary cooperation of individual farmers can the liberty of all be preserved."

H. L. Shirley in his review of this book in JOURNAL OF FORESTRY says: "About once every three to five years a book appears in some related field of resource management that is so comprehensive in scope, so penetrating in analysis, so searching in philosophy, and so fundamentally sound in its recommendations that it merits the widespread attention of foresters, even though it may touch only lightly on the subject of forestry. ROOTS IN THE EARTH is such a book. It is more than counsel for the prospective farm owner. It deals searchingly with our system of land tenancy, rural economy, and agricultural marketing; with farmers' organizations, producer and consumer cooperatives, agricultural extension, and the Department of Agriculture. It is therefore worth the serious attention of all farmers, all farm workers, all agricultural colleges, all USDA workers, all legislators representing farmers, all people who deal with farmers and all who depend on farmers for food. It is worth the serious attention of foresters because small farmers as a group are owners of substantial areas of forest land."

VICTORY BARNYARD

HOW TO PRODUCE YOUR OWN MEAT, EGGS, MILK, AND POULTRY

Paul W. Chapman
McGraw-Hill. 1943
40 C362V

This lively and timely little book is a boon to the amateur "Victory" farmer. It shows you the potentialities of your own backyard for carrying out a successful, patriotic and thrifty meat, milk, poultry or egg producing project that will supplement your family food supply. For every suburban or small town householder with a backyard or a town lot it is packed with downright sensible ideas and explicit directions for raising the animals or poultry that will supply these foods you need the most and that, incidentally, cost the most!

It is with mixed emotions, some regrets, and certainly with fond memories of the contacts, work and experience I have had as your Librarian for the past several years that I compile my final Library Newsletter.

My transfer to the USDA Library in Washington becomes effective June 15. Miss Marion E. Wheeler, former Librarian of the USDA Lincoln Branch Library will be your new Librarian.

Velma Reaves
Velma Reaves
Librarian

ANIMAL HUSBANDRY

THE GOLDEN HOOF. A PRACTICAL SHEEP BOOK. Written by the leading Sheep Authorities of America for the benefit of those engaged in the sheep industry. Breeder Publications. Chicago, Illinois. 1943. 45 Ew5.

Influence of type of hog on production efficiency. USDA. Circular 698.

PORK PRODUCTION. Wm. W. Smith & R. A. Craig. Macmillan Co. 1937. 46 Sm6.

PRACTICAL POULTRY FARMING. Louis M. Hurd. Macmillan Co. 1931. 47 H93.

CARTOGRAPHY

ELEMENTARY TOPOGRAPHY AND MAP READING. Samuel L. Greitzer. McGraw-Hill. 1944. 331 G86.

There has been a marked increase in the use of maps in daily life. There are few texts in English on the subject, and for the most part the training in ability to read maps has been left almost entirely to chance. In view of this state of affairs, the author has prepared a text-book that is self-contained and written in simple non-technical language, and at the same time presents a full and complete exposition of the subject.

GENERAL CARTOGRAPHY. Erwin Raisz. McGraw-Hill. 1938. 325 R13.

A more advanced, technical book on the science and art of map making. This book deals only with the work of the cartographer - the maker of maps - who presents the Earth's pattern in such a manner that its elements may be plainly visible.

ECONOMICS

BROTHERS UNDER THE SKIN. Carey McWilliams. Little, Brown & Co. 1943. 280.12 M25.

"The forgotten Mexican" and "The non-vanishing Indian" of the Southwest are included in this forceful book on the history of American discrimination against racial minorities. As we engage in a global war our attitudes and policies increase in importance because the Mexicans and Indians of South and Central America, and the "Colored" peoples of Asia and Africa judge our promises of freedom and friendship on the basis of our action within our own country.

ECONOMICS (con't)

JOINT STATEMENT ON SOCIAL SECURITY BY AGRICULTURE, BUSINESS AND LABOR. National Planning Association. Planning Pamphlet No. 33. April, 1944.

OPPORTUNITIES IN FARMING. Paul W. Chapman. Science Research Association. 1941. 281.12 C36.

OUTLINES OF AGRICULTURAL ECONOMICS. Henry C. Taylor. Macmillan Co. 1939. 281 T210.

This book is intended to help toward an understanding of the principles which underlie the choice of a farm, the selection of crop and live-stock enterprises, the management of labor and equipment and the organization of these elements into an efficient going concern. Until these principles become a part of the thinking of the farmer and become a factor in guiding his actions, farming will lack efficiency. It is the action of the farmer himself that determines whether or not the farm is well managed.

PEOPLES OF INDIA. Smithsonian Institution War Background Studies. No. 18. 1944. 500 Sm6W.

RURAL COMMUNITY ORGANIZATION. Dwight Sanderson and R. A. Polson. Wiley & Sons. 1939. 281.2 Sa52Rc.

The planning movement has had a rapid growth, and state and county planning boards are coming to see that all planning is ultimately directed to human welfare and that this involves planning for and by rural communities. Thus it seems that in times of crisis people naturally come together to solve the problems of the common welfare in the area in which they habitually associate, which in rural districts tends to be the rural community.

ENGINEERING

CONSTRUCTION ESTIMATES AND COSTS. H. E. Pulver. McGraw-Hill. 1940. 290 F86C.

DESIGN OF CONCRETE STRUCTURES. I. C. Urquhart and C. E. O'Rourke. McGraw-Hill. 1940. 299 Ur6.

GEOLOGY AND ENGINEERING. Robert F. Leggett. McGraw-Hill. 1939. 290 L523.

PRINCIPLES OF HIGHWAY CONSTRUCTION AS APPLIED TO AIRPORTS, FLIGHT STRIPS, AND OTHER LANDING AREAS FOR AIRCRAFT. U. S. Public Roads Administration. 1943. 177.7 F93.

STRESSES IN FRAMED STRUCTURES. Compiled by a staff of specialists. Editors-in-chief George A. Hool and Others. McGraw-Hill. 1942. 290 H76St.

FEEDS AND FEEDING STUFFS

ANIMAL NUTRITION. Leonard A. Maynard. McGraw-Hill. 1937. 389.7 M45.

The purpose of this book is to present the principles of nutrition and their applications in feeding practice. These facts are brought in by using experiments with a variety of species as illustrations of the discussions presented.

FEEDS AND FEEDING STUFFS (con't)

The apparent digestibility and nutritive value of several native and introduced Grasses. Montana Agric. Exp. Station. TP-418. October 1943.

Digestion experiments with range forages and flax hulls. Calif. Agric. Exp. Station Bulletin 684. January, 1944.

Making grass silage by ^{the} wilting method. USDA. L-238. 1944.

FISH CULTURE

Fish production in farm ponds. Okla. Agric. Exp. Station Circular 115. 1944.

THE IMPROVEMENT OF LAKES FOR FISHING. A method of fish management. C. L. Hubbs and R. W. Eschmeyer. Univ. of Michigan. 1938. 444.9 M58.

TROUT STREAMS. Conditions that determine their productivity and suggestions for stream and lake management. Paul R. Needham. Comstock Publishing Co. 1938. 444 N28.

FOOD

A brief review of food and nutrition in five countries. Five lectures by delegates to the United Nations Food Conference. USDA. War Food Administration. NFV-11. 1944.

Cooking with soya flour and grits. USDA. AWI-73.

Food consumption levels in the United States, Canada and the United Kingdom. Report of a special Joint Committee set up by the combined food board. USDA. War Food Administration. April, 1944.

FORESTRY

CHECK LIST OF THE NATIVE AND NATURALIZED TREES OF THE UNITED STATES, INCLUDING ALASKA. USDA. Forest Service. Washington, D. C. April 15, 1944.

Under the sponsorship and general direction of the Tree and Range Plant Name Committee appointed by the Chief, Dr. Elbert L. Little, Jr. has now completed a revision intended to supersede Sudworth's 1927 Check List. This is the mimeographed preliminary edition of the revised Check List.

FORESTRY TERMINOLOGY; A GLOSSARY OF TECHNICAL TERMS USED IN FORESTRY. Society of American Foresters. Washington, D. C. 1944. 99.01 Sol.

A complete coverage of technical language used by foresters beginning with abietene and ending with Merriam's life zones.

National Forest Facts, Southwestern Region, Arizona and New Mexico. Region 3. 1944.

Some plain facts about the Forests. USDA. MP-543. April, 1944.

Timber-connector joints their strength and design. USDA. TB-865. March 1944.

GRASS

Judging condition and utilization of short-grass ranges on the Central Great Plains. USDA. FB-1949. March, 1944.

THE SCIENCE AND PRACTICE OF CONSERVATION: GRASS AND FORAGE CROPS. S. J. Watson. In two volumes. The Fertiliser and Feeding Stuffs Journal. London. 1939. 60 W33.

The aim of these volumes, in the first place, was to present a detailed and consecutive account of the researches into the conservation of fodder crops which have taken place at Jealott's Hill. However, it was later decided to enlarge the scope considerably and attempt to present the work which has been carried out on the conservation of forage crops and crop residues in all parts of the world.

HISTORY, THE SOUTHWEST AND ITS PEOPLE

THE LOG OF A COWBOY. Andy Adams. Houghton Mifflin Co. 1931. 145.3 Ad1.

This classic of frontier literature is a record of the daily doings of a party of typical Texas cowboys, accurately related. "As faithful as it is thrilling".

MORMON SETTLEMENT IN ARIZONA. A record of peaceful conquest of the Desert. James H. McClintock. The Author. 1921.

HYDROLOGY

EVAPORATION FROM LAKES AND RESERVOIRS. A study based on fifty years' Weather Bureau Records. Adolph F. Meyer. Minnesota Resources Commission. St. Paul, Minn. June, 1942.

Preliminary report on Watershed studies near Waco and Garland Texas. Rates and amounts of runoff and related information for the hydrologic design of conservation practices and structures in the Blacklands of Texas. USDA. SCS-TF-53. April, 1944.

WATER SUPPLY AND UTILIZATION. An outline of hydrology from the viewpoint of the arid section of the United States together with an outline of water law and its administration as it has developed in the Arid States. Donald M. Baker and H. Conkling. J. Wiley & Sons. 1930. 292. B171.

INSECTS

Control of the Mexican Bean Beetle in irrigated Districts in the West. USDA. Circular No. 675. April, 1944.

Nature and extent of Mormon Cricket damage to crop and range Plants. USDA. TB-866. June, 1943.

The pear thrips in California. Calif. Agric. Expt. Station Bulletin 687. March, 1944.

INSECTS (con't)

Strains of the European corn borer in the United States. USDA. TB-869.
March, 1944.

PHOTOGRAPHY

HANDBOOK OF PHOTOGRAPHY. Keith Henney and Beverly Dudley. McGraw-Hill.
1939. 332 H19.

A complete handbook of the technique of the photographic processes such as: Cameras, shutters, photographic materials, light sources and filters, developing technique and printing processes, color, motion-pictures, and aerial photography.

PHOTOGRAPHY THEORY AND PRACTICE. Being an English edition of "La Technique Photographique". L. P. Clerc. Second Edition. Pitman Publishing Corp.
N. Y. 1937.

VEGETABLE GARDENING

THE FOOD GARDEN. Edna Blair. The Macmillan Co. 1942. 91.15 B572.

This book is written for the average gardener, and for the hundreds of thousands of small home owners who may be experienced in other types of gardening but who are novices in the growing of a food garden.

Irrigating the home garden. New Mexico Agric. Exp. Station B-313. March, 1944.

THE VEGETABLE GROWING BUSINESS. Ralph L. Watts, and G. S. Watts. Orange Judd. 1943. 91 W34Vg.

The experience of the authors as growers spans the period from the beginning of the century to the present. They present in the text the viewpoint of the commercial grower in daily contact with the problems of production and distribution.

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